

ABSTRACT

A roller bearing is provided which comprises a pair of bearing rings at least one of which has an annular rib, and a plurality of rollers interposed 5 between the bearing rings. Each of the rollers has a roller end face in sliding contact with the rib. A residual austenite structure in at least one of the rib and the roller end face is 20 to 60 vol.%. A method of producing a roller bearing and a toroidal 10 CVT using such a bearing are also provided.

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